A2575-1 4/11/83

American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 **For Week Ended** *APRIL* 1, 1983 **NO.** 13

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 04/01/83	Last Week Ending: 03/25/83	Last Year Week Ending: 04/02/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	11,514	11,509	11,597	+ 5	- 83
Operable capacity	16,814	16,814	17,822	0	- 1,008
Percent operated	68.5	68.4	65.1		
Motor Gasoline					
Total motor gasoline production	6,320	5,984	5,822	+ 336	+ 498
Finished leaded motor gasoline production	2,923	2,891	*N/A*	+ 32	*N/A*
Finished unleaded motor gasoline production	3,397	3,093	*N/A*	+ 304	*N/A*
Total motor gasoline stocks	231,718	236,129	249,214	- 4,411	- 17,496
Finished leaded motor gasoline stocks	93,645	96,803	*N/A*	- 3,158	*N/A*
Finished unleaded motor gasoline stocks	95,886	96,387	95,619	- 501	+ 267
Distillate Fuel Oil					
Distillate fuel oil production	2,119	2,111	2,344	+ 8	- 225
Distillate fuel oil stocks	124,079	130,282	125,645	- 6,203	- 1,566
Residual Fuel Oil					
Residual fuel oil production	899	857	1,108	+ 42	- 209
Residual fuel oil stocks	43,240	45,616	58,405	- 2,376	- 15,165
Imports					
Crude oil imports	2,343	2,357	2,597	- 14	- 254
Product imports	969	1,394	1,348	- 425	- 379
Crude Oil Stocks					
Crude oil stocks	340,975	350,435	380,552	- 9,460	- 39,577

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,281	905	936	1,569	59.7
Appal. No. 1	59	58	58	98	59.2
DISTRICT 1 TOTAL	1,340	963	994	1,667	59.6
Appal. No. 2	54	48	53	66	80.3
Ind., Ill., Ky.	1,888	1,720	1,755	2,399	73.2
Minn., Wis., Daks.	263	248	262	293	89.4
Okla., Kans., Mo.	690	623	627	858	73.1
DISTRICT 2 TOTAL	2,895	2,639	2,697	3,616	74.6
Inland Texas	501	442	490	592	82.8
Texas Gulf Coast	3,078	2,739	2,834	4,164	68.1
La. Gulf Coast	2,152	1,893	1,949	2,708	72.0
N. La. and Ark.	184	169	184	314	58.6
New Mexico	85	81	85	117	72.6
DISTRICT 3 TOTAL	6,000	5,324	5,542	7,895	70.2
DISTRICT 4 TOTAL	395	361	364	553	65.8
DISTRICT 5 TOTAL	2,087●	1,883	1,917	3,083	62.2
TOTAL U.S.	12,717	11,170	11,514	16,814	68.5
TOTAL U.S. Weeks Ended:					
MAR. 25, 1983	12,357●	11,200	11,509	16,814	68.4
APR. 2, 1982	12,380	11,238	11,597	17,822	65.1
DISTRICTS 1-4 Weeks Ended:					
APR. 1, 1983	10,630	9,287	9,597	13,731	69.9
MAR. 25, 1983	10,330	9,196	9,499	13,731	69.2
APR. 2, 1982	10,264	9,132	9,446	14,698	64.3

● *SEE REVISIONS ON PAGE 7*

API WEEKLY STATISTICAL BULLETIN
Week Ended *APRIL* 1, 1983

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	509	192	317	15	31	201	132
Appal. No. 1	19	10	9	2	--	19	4
DISTRICT 1 TOTAL	528	202	326	17	31	220	136
Appal. No. 2	36	14	22	2	4	8	--
Ind., Ill., Ky.	1,236	570	666	19	85	306	50
Minn., Wis., Daks.	164	107	57	3	7	60	6
Okla., Kans., Mo.	387	234	153	8	3	161	15
DISTRICT 2 TOTAL	1,823	925	898	32	99	535	71
Inland Texas	254	127	127	27	27	101	15
Texas Gulf Coast	1,343	522	821	34	224	513	199
La. Gulf Coast	1,080	516	564	9	199	344	177
N. La. and Ark.	72	50	22	5	--	48	10
New Mexico	20	11	9	17	1	23	2
DISTRICT 3 TOTAL	2,769	1,226	1,543	92	451	1,029	403
DISTRICT 4 TOTAL	226	155	71	11	27	91	11
DISTRICT 5 TOTAL	974	415	559	33	252	244	278
TOTAL U.S.	6,320	2,923	3,397	185	860	2,119	899
TOTAL U.S. Weeks Ended:							
MAR. 25, 1983	5,984	2,891	3,093	213	856	2,111	857
APR. 2, 1982	5,822	*N/A*	*N/A*	218	941	2,344	1,108
DISTRICTS 1-4 Weeks Ended:							
APR. 1, 1983	5,346	2,508	2,838	152	608	1,875	621
MAR. 25, 1983	5,059	2,417	2,642	148	674	1,803	567
APR. 2, 1982	4,988	*N/A*	*N/A*	154	707	2,016	706

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended *APRIL* 1, 1983

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,251	2,401	2,850	--	98	736	5,893	2,095	--
Central Atlantic	27,255	10,112	12,992	4,151	403	4,244	22,331	13,398	13,397
Lower Atlantic	25,412	12,262	12,781	369	131	3,986	11,657	3,468	408
DISTRICT 1 TOTAL	57,918	24,775	28,623	4,520	632	8,966	39,881	18,961	13,805
DISTRICT 2 TOTAL	68,573	31,054	28,014	9,505	1,391	7,314●	40,641	3,844	17,710
DISTRICT 3 TOTAL	68,207	24,306	26,375	17,526	2,089	12,375	28,921	11,188	46,972
DISTRICT 4 TOTAL	9,376	4,335	2,413	2,628	380	710	3,298	375	2,680
DISTRICT 5 TOTAL	27,644	9,175	10,461	8,008	1,545	5,307	11,338	8,872	26,965
TOTAL U.S.	231,718	93,645	95,886	42,187	6,037	34,672	124,079	43,240	108,132
TOTAL U.S.									
Weeks Ended:									
MAR. 25, 1983	236,129	96,803	96,387	42,939	5,964	33,538●	130,282	45,616	109,010
APR. 2, 1982	249,214	*N/A*	95,619	*N/A*	6,236	35,995	125,645	58,405	116,805
DISTRICTS 1-4									
Weeks Ended:									
APR. 1, 1983	204,074	84,470	85,425	34,179	4,492	29,365	112,741	34,368	81,167
MAR. 25, 1983	207,491	86,871	86,405	34,215	4,521	28,080●	118,452	36,486	81,332
APR. 2, 1982	219,993	*N/A*	86,100	*N/A*	4,793	28,874	114,496	48,253	90,314

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7*

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended *APRIL* 1, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy *NOV* 1982	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
APR. 1, 1983	5,832.4	5,907.0	2,250	192	263,088
MAR. 25, 1983	5,832.4	--	2,278	183	265,852
MAR. 18, 1983	5,832.4	--	1,660	220	266,963
MAR. 11, 1983	5,832.4	--	1,590	201	270,986
DISTRICT 5 TOTAL					
APR. 1, 1983	2,830.0	2,776.0	93	28	77,887 *
MAR. 25, 1983	2,830.0	--	79	14	84,583
MAR. 18, 1983	2,830.0	--	62	29	85,784
MAR. 11, 1983	2,830.0	--	132	29	86,294
TOTAL U.S.					
APR. 1, 1983	8,662.4	8,683.0	2,343	220	340,975 *
MAR. 25, 1983	8,662.4	--	2,357	197	350,435
MAR. 18, 1983	8,662.4	--	1,722	249	352,747
MAR. 11, 1983	8,662.4	--	1,722	230	357,280
APR. 2, 1982	8,650.2/A	--	2,597	139	380,552

**INCLUDES 26,842 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

/A DOE ACTUAL FOR MARCH 1982

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
APR. 1, 1983	14,493	81,073	151,867	15,655	263,088	77,887 *	340,975 *
MAR. 25, 1983	14,436	80,882	154,760	15,774	265,852	84,583	350,435
APR. 2, 1982	22,569	87,993	165,914	15,496	291,972	88,580	380,552

[1]See definitional notes, Page 6.

API WEEKLY STATISTICAL BULLETIN
Week Ended *APRIL* 1, 1983

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	79	37	42	--	--	--	--	1	--	--	80
Central Atlantic	83	39	44	--	--	--	385	1	8	3	480
Lower Atlantic	--	--	--	--	--	--	267	--	--	--	267
DISTRICT 1 TOTAL											
APR. 1, 1983	162	76	86	--	--	--	652	2	8	3	827
MAR. 25, 1983	149	98	51	--	17	20	575	9	16	62	848
MAR. 18, 1983	164	113	51	--	16	42	644	15	9	180	1,070
MAR. 11, 1983	157	106	51	3	14	73	552	3	23	143	968
DISTRICTS 2–4 TOTAL											
APR. 1, 1983	--	--	--	--	--	--	--	73	47	--	120
MAR. 25, 1983	--	--	--	--	--	3	40	263	154	24	484
MAR. 18, 1983	2	1	1	--	--	4	65	252	179	17	519
MAR. 11, 1983	2	1	1	--	--	3	74	249	166	24	518
DISTRICT 5 TOTAL											
APR. 1, 1983	2	1	1	--	--	7	10	3	--	--	22
MAR. 25, 1983	24	15	9	--	--	7	10	12	--	9	62
MAR. 18, 1983	68	59	9	--	--	7	15	18	--	8	116
MAR. 11, 1983	30	22	8	--	--	6	14	6	--	8	64
TOTAL U.S.	164	77	87	--	--	7	662	78	55	3	969
TOTAL U.S. Weeks Ended:											
MAR. 25, 1983	173	113	60	--	17	30	625	284	170	95	1,394
MAR. 18, 1983	234	173	61	--	16	53	724	285	188	205	1,705
MAR. 11, 1983	189	129	60	3	14	82	640	258	189	175	1,550
APR. 2, 1982	132	*N/A*	80	--	17	36	696	232	221	6	1,348

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

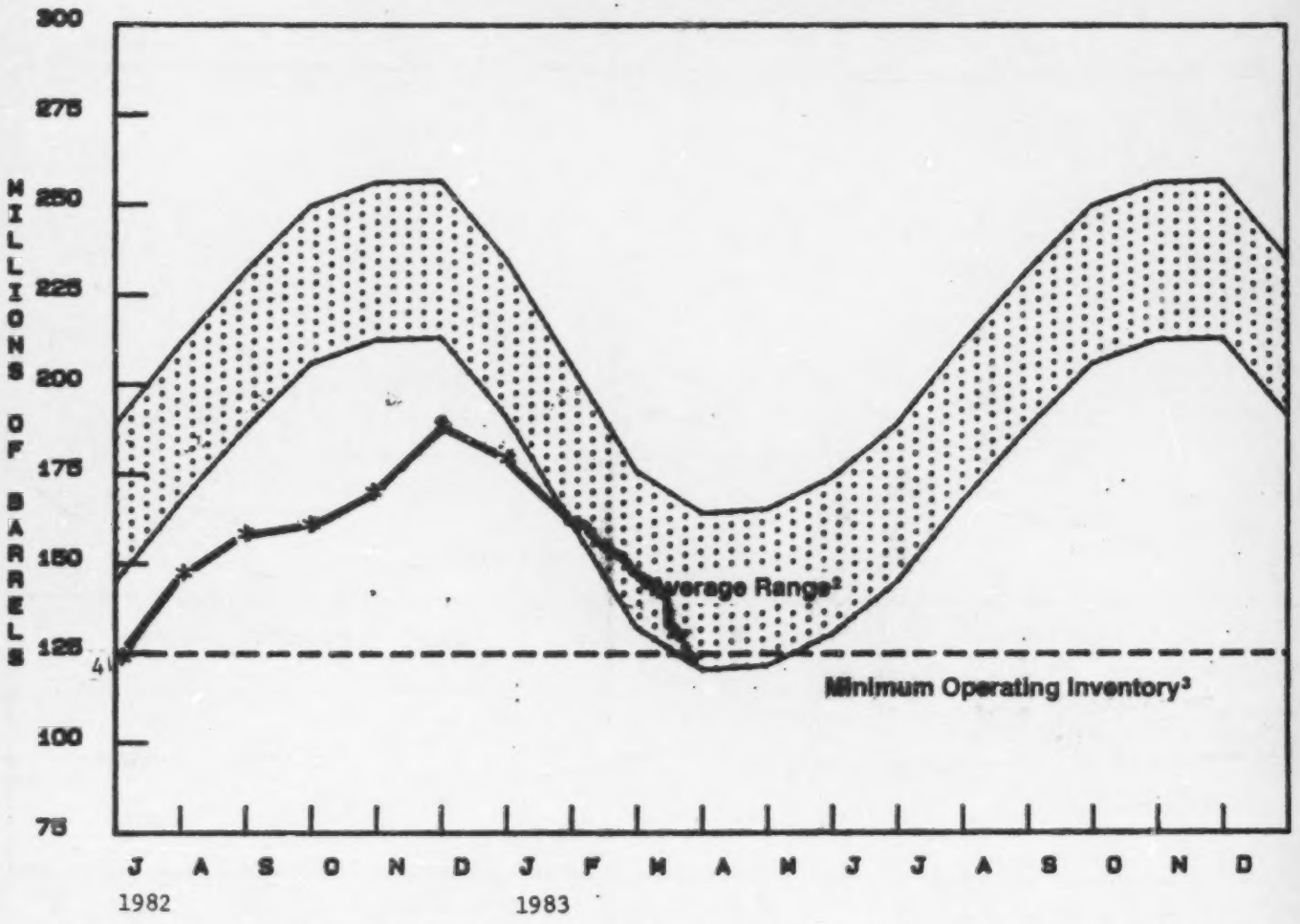
Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

REVISIONS

3/25/83	PAGE 1	TOTAL REFINERY INPUT	DISTRICT 5 TOTAL	2,027
			TOTAL U.S.	12,357
	PAGE 3	KEROSINE JET	DISTRICT 2 TOTAL	7,122
			TOTAL U.S.	33,538
			DISTRICTS 1-4	28,080

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

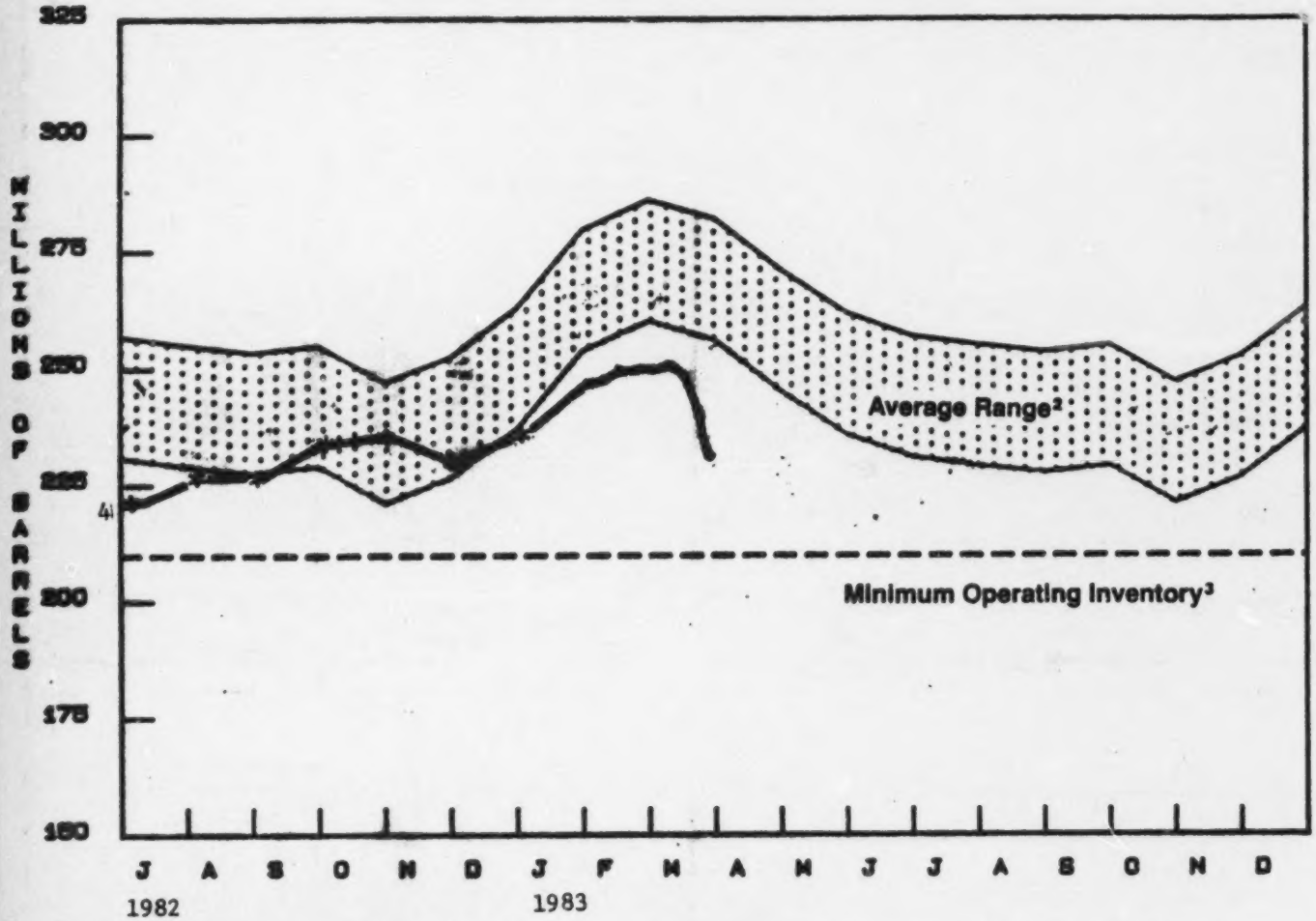
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API. "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended April 1, 1983

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

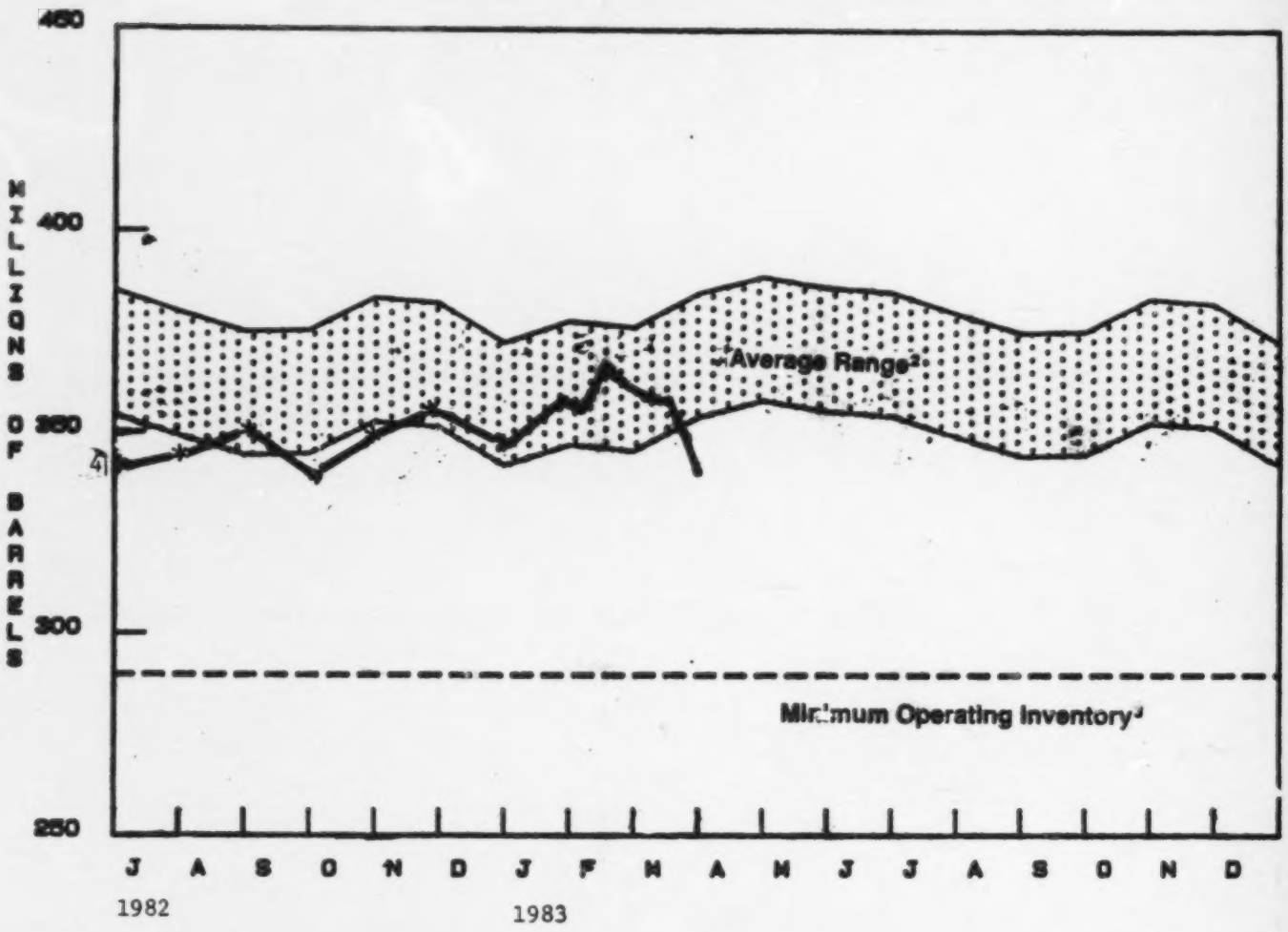
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended April 1, 1983

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.